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(54) Title: ALPHA MACROGLOBULIN FAMILY MEMBERS

Molecule:		pCR4-TOPO-INSP088-CP2/-CP3, 6209 bps DNA Circular		
Туре	Start	End	Name	Description
MARKER	205		M13R	M13 rev priming site
MARKER	243		т3	T3 priming site
REGION	295	2546	Insert	•
MARKER	295		CP3	INSPOSS-CP3 cloning primer
GENE	336	2531	cds	INSPOSS macroglobulin domain cds
MARKER	794		SPl	INSPOSS-SP1 sequencing primer
MARKER	1221		SP2	INSPOSS-SP2 sequencing primer
MARKER	1689		SP3	INSPOSS-SP3 sequencing primer
MARKER	2240		CP1	INSPOSS-CP1 amplification primer
MARKER	2527	(CP2	INSP088-CP2 cloning primer
MARKER	2532		stop	INSPOSS stop codon
MARKER	2580	(: T7	T7 priming site
MARKER	2607	(: M13F	M13 for priming site
GENE	3411	4205	Kan	Kanamycin resistance gene ORF
GENE	4409	5269	Amp	Ampicillin resistance gene ORF
REGION	5414	6087	pUC ori	pUC origin

(57) Abstract: This invention relates to two proteins, termed INSP087, herein identified as members of the alpha macroglobulin family, in particular as alpha-2macroglobulin-like proteinase inhibitors, and to the use of these proteins and nucleic acid sequences from the encoding genes in the diagnosis, prevention and treatment of disease.



